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IN THE CLAIMS:

Please amend claims 1-12 as follows:

--1' (Amended) A radiating cable comprising a pair of insulated conductor wires (2), the cable comprising at least one cable segment (1) having first ends (3) connected to a load (4) equal to an impedance characteristic of the cable segment, and second ends (5) connected to a connector.

2' (Amended) A radiating cable according to claim 1, comprising at least two cable segments whose second ends (5) are connected to the connector (6) in a parallel configuration.

3' (Amended) A radiating cable according to claim 2, wherein the two cable segments (1) are identical.

4' (Amended) A radiating cable according to claim 1, wherein the pairs of insulated conductor wires (2) are placed in a supporting sheath (9).

5' (Amended) A radiating cable according to claim 1, wherein the insulated conductor wires are twisted together, at least in part.

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6/ (Amended) A radiating cable according to claim 5,
wherein the insulated conductor wires (2) are twisted at a
pitch lying in the range about 15 times to about 30 times the
diameter of the insulated wires.

7/ (Amended) A radiating cable according to claim 4,
wherein the wires are twisted alternately with right-handed
twist and with left-handed twist.

8/ (Amended) A radiating cable according to claim 7,
wherein a portion of cable with right-handed twist is sepa-
rated from a portion of cable with left-handed twist by a
portion of cable in which the insulated wires are substan-
tially parallel to each other.

9/ (Amended) A radiating cable according to claim 1,
including a dielectric tape (7) in contact with the insulated
conductor wires.

10/ (Amended) A radiating cable according to claim
1, including metal tapes wound helically without overlap
around the pairs of insulated conductor wires.